

CLAIMS

- ~~1. A process for the production of alkyl and/or alkenyl oligoglycosides by direct acidic acetalization of glycoses with excess fatty alcohols, characterized in that suspensions of glucose sirup in fatty alcohol are used.~~
- 5 2. A process as claimed in claim 1, characterized in that fatty alcohols corresponding to formula (I):

$$R^1OH$$

(I)

- 10 in which R^1 is an aliphatic, linear or branched hydrocarbon radical containing 6 to 22 carbon atoms and 0 and/or 1, 2 or 3 double bonds are used.
3. A process as claimed in claims 1 and 2, characterized in that the glucose sirup and the fatty alcohols are used in a molar ratio of 1:1 to 1:10.
- 15 4. A process as claimed in claims 1 to 3, characterized in that alkyl benzenesulfonic acids are used as catalysts.
5. A process as claimed in claims 1 to 4, characterized in that the catalysts are used in quantities of 0.1 to 5% by weight, based on the starting materials.
- 20 6. A process as claimed in claims 1 to 5, characterized in that the acetalization is carried out continuously in a cascade of 3 to 6 reactors.
7. A process as claimed in claim 6, characterized in that a temperature gradient of 70 to 120°C is applied to the reactor cascade for the acetalization reaction.
- 25 8. A process as claimed in claims 1 to 7, characterized in that the reaction is carried out under reduced pressure.
9. A process as claimed in claims 1 to 8, characterized in that the glucose sirup is dried before the acetalization reaction.
10. The use of suspensions of glucose sirup and fatty alcohols as raw
- 30 ~~materials for the production of alkyl and/or alkenyl oligoglycosides.~~

add
A₁